

ANALYZED BY:

Anresco Laboratories
1375 Van Dyke Avenue,
San Francisco, CA 94124
C8-0000052-LIC

CUSTOMER:

Kats Kratom/Kats Botanicals
2714 D Nashville Road
Franklin 42134



SAMPLE INFORMATION

Sample No.: 1284501
Product Name: Kats Kratom - 150mg Mit/300mg Kava
Lot #: 530

Date Collected: 02/27/2025
Date Received: 02/28/2025
Date Reported: 03/13/2025

TEST SUMMARY

Kavalactones: ✔ Pass
Residual Solvent Screen: ✔ Pass
Alkaloid Profile Limited: ✔ Tested

Microbiological Screen: ✔ Tested
Heavy Metal Screen: ✔ Pass
Overall: ✔ Pass

Kavalactones

03/13/2025

Method: Standard Solution Assay Parameters provided by Cerilliant

Instrument: HPLC-DAD

Analyte	Findings	Units
Methysticin	0.47	mg/mL
Dihydromethysticin	0.66	mg/mL
Kavain	1.40	mg/mL
Dihydrokavain	1.28	mg/mL
Yangonin	0.59	mg/mL
Desmethoxyyangonin	0.45	mg/mL
Flavokawain C	None Detected	mg/mL
Flavokawain A	0.06	mg/mL
Flavokawain B	0.11	mg/mL
Total Kavalactones	5.02	mg/mL

Microbiological Screen

03/07/2025

Method: FDA BAM

Analyte	Findings	Units
Coliforms	<10	cfu/g
E. coli	<10	cfu/g
Yeast	<10	cfu/g
Mold	<10	cfu/g

Residual Solvent Screen ✔ Pass

03/06/2025

Method: USP <467>

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
1,2-Dichloroethane	0.2/0.5	ND	5	Pass
Acetone	67/200	ND	5000	Pass
Acetonitrile	67/200	ND	410	Pass
Benzene	0.2/0.5	ND	2	Pass
n-Butane	67/200	ND	-	-
Chloroform	0.2/0.5	ND	60	Pass
Ethanol	67/200	ND	5000	Pass
Ethyl acetate	67/200	ND	5000	Pass
Ethyl ether	67/200	ND	5000	Pass
Ethylene oxide	0.2/0.5	ND	10	Pass
n-Heptane	67/200	ND	5000	Pass
n-Hexane	67/200	ND	290	Pass
Isopropyl alcohol	67/200	ND	5000	Pass
Methanol	67/200	<LOQ	3000	Pass
Methylene chloride	0.2/0.5	ND	600	Pass
n-Pentane	67/200	ND	5000	Pass
Propane	67/200	ND	-	-
Toluene	67/200	ND	890	Pass
Total xylenes (ortho-, meta-, para-)	67/200	ND	2170	Pass
Trichloroethylene	0.2/0.5	ND	80	Pass

Heavy Metal Screen ✔ Pass

03/05/2025

Method: MF-CHEM-16

Instrument: Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Intake (µg/day)	Limit (µg/day)	Status
Arsenic	0.02/0.05	ND	ND	10	Pass
Cadmium	0.02/0.05	ND	ND	4.1	Pass
Lead	0.02/0.05	ND	ND	10	Pass
Mercury	0.02/0.05	ND	ND	2	Pass

Comments LOD/LOQ: 0.001/0.004ppm

Alkaloid Profile Limited

03/06/2025

Method: MF 12D030

Instrument: Liquid Chromatography Diode Array Detector (LC-DAD)

Limit of Quantitation Alkaloid Profile Limited (LC-DAD) 0.1 mg/g

Limit of Detection 0.04 mg/g

Limit of Quantitation 0.1 mg/g

Alkaloid	mg/g	%	mg/ml	mg/serving	mg/package
Mitragynine	2.37	0.237	2.41	48.13	144.39
7-Hydroxymitragynine	ND	0.0	ND	ND	ND
Total Alkaloids	2.37	0.237	2.41	48.13	144.39

Comments Density: 1.01507 g/mL

ND = None Detected
 LOD = Limit of Detection
 LOQ = Limit of Quantitation

Reported by




Vu Lam
 Lab Co Director

March 13, 2025



Scan to verify